

**AMENDMENTS TO THE CLAIMS**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims**

1. (Currently Amended) A bioactive glass having a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, and 20 mol % or less of Na<sub>2</sub>O, said bioactive glass having a glass transition temperature of 790°C or lower, wherein said bioactive glass is substantially free from P<sub>2</sub>O<sub>5</sub> and is a sintering aid in a sintered calcium phosphate glass.

2. (Original) The bioactive glass according to claim 1, further comprising CaF<sub>2</sub>.

3. (Original) The bioactive glass according to claim 1, further comprising B<sub>2</sub>O<sub>3</sub>.

4. (Canceled)

5. (Original) The bioactive glass according to claim 1, wherein a difference between its glass transition temperature and its crystallization initiation temperature is 80°C or more.

6. (Canceled)

7. (Currently Amended) A bioactive glass having a composition substantially comprising 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, and at least one of Na<sub>2</sub>O, CaF<sub>2</sub> and B<sub>2</sub>O<sub>3</sub>, Na<sub>2</sub>O being 20 mol % or less, CaF<sub>2</sub> being 0.1-1 mol %, and B<sub>2</sub>O<sub>3</sub> being 5 mol % or less, said bioactive glass having a glass transition temperature of 790°C or lower.

8. (Cancel)
9. (Original) The bioactive glass according to claim 7, wherein said bioactive glass is substantially free from  $P_2O_5$ .
10. (Original) A sintered calcium phosphate glass comprising the bioactive glass recited in claim 1 as a sintering aid.
11. (Previously Amended) The sintered calcium phosphate glass according to claim 10, wherein said sintered calcium phosphate glass contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.
12. (Currently Amended) A bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of  $SiO_2$ , and 0.1-5 mol % of  $Na_2O$ , wherein said bioactive glass is a sintering aid in a sintered calcium phosphate glass.
13. (Currently Amended) A bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of  $SiO_2$ , 0.1-5 mol % of  $Na_2O$ , and 0.1-1 mol % of  $CaF_2$ .
14. (Previously Presented) A bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of  $SiO_2$ , 0.1-5 mol % of  $Na_2O$ , and  $B_2O_3$ .
15. (Previously Presented) The bioactive glass according to claim 12, wherein a difference between its glass transition temperature and its crystallization initiation temperature is 80°C or more.
16. (Cancel)

17. (Currently Amended) A bioactive glass having a composition consisting essentially of 30 to 60 mol % of CaO, 40 to 70 mol % of SiO<sub>2</sub>, and at least one of Na<sub>2</sub>O, CaF<sub>2</sub> and B<sub>2</sub>O<sub>3</sub>, Na<sub>2</sub>O being 0.1 to 5 mol %, CaF<sub>2</sub> being 0.1-1 mol %, and B<sub>2</sub>O<sub>3</sub> being 5 mol % or less.

18. (Previously Presented) The bioactive glass according to claim 12, wherein said bioactive glass is substantially free from P<sub>2</sub>O<sub>5</sub>.

19. (Previously Presented) The bioactive glass according to claim 17, wherein said bioactive glass is substantially free from P<sub>2</sub>O<sub>5</sub>.

20. (Previously Presented) A sintered calcium phosphate glass comprising the bioactive glass recited in claim 12 as a sintering aid.

21. (Previously Presented) The sintered calcium phosphate glass according to claim 20, wherein said sintered calcium phosphate glass contains a calcium phosphate comprising a hydroxyapatite, a carbonated apatite or tricalcium phosphate.

22. (Previously Presented) The bioactive glass according to claim 1, comprising CaO and SiO<sub>2</sub> in approximately equal molar ratios.

23. (Canceled)

24. (New) The sintered calcium phosphate glass according to claim 10, wherein said bioactive glass generates a  $\beta$ -wollastonite crystal at a crystallization temperature.

25. (New) The sintered calcium phosphate glass according to claim 20, wherein said bioactive glass generates a  $\beta$ -wollastonite crystal at a crystallization temperature.